

Title (en)

Vehicle-side socket for a charging plug connector, in particular for industrial trucks

Title (de)

Fahrzeugseitige Dose eines Ladesteckverbinders, insbesondere für Flurförderfahrzeuge

Title (fr)

Prise côté véhicule d'un connecteur de charge, en particulier pour chariots de manutention

Publication

EP 2648287 B1 20140618 (DE)

Application

EP 13000582 A 20130205

Priority

DE 102012007047 A 20120405

Abstract (en)

[origin: EP2648287A1] The box (1) has two main contacts (2, 3) connected with a charging plug, and an auxiliary contact (5) electrically connected with one of the main contacts over a contact bridge (4) in an operating condition of a vehicle. An end (15) of the contact bridge is connected with the auxiliary contact in a non-detachable manner. The contact bridge is transferred from a position in which the main contact is released for mounting the charging plug to another position in which the contact bridge connects the auxiliary contact with the main contact. The main contacts are designed as contact sleeves.

IPC 8 full level

H01R 13/707 (2006.01)

CPC (source: EP US)

B60L 53/00 (2019.01 - EP US); **B60L 53/16** (2019.01 - EP US); **H01R 13/707** (2013.01 - EP US); **H02J 7/0042** (2013.01 - US); **B60L 2200/42** (2013.01 - EP US); **Y02P 90/60** (2015.11 - EP US); **Y02T 10/70** (2013.01 - EP US); **Y02T 10/7072** (2013.01 - EP US); **Y02T 90/14** (2013.01 - EP US)

Designated contracting state (EPC)

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DOCDB simple family (publication)

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